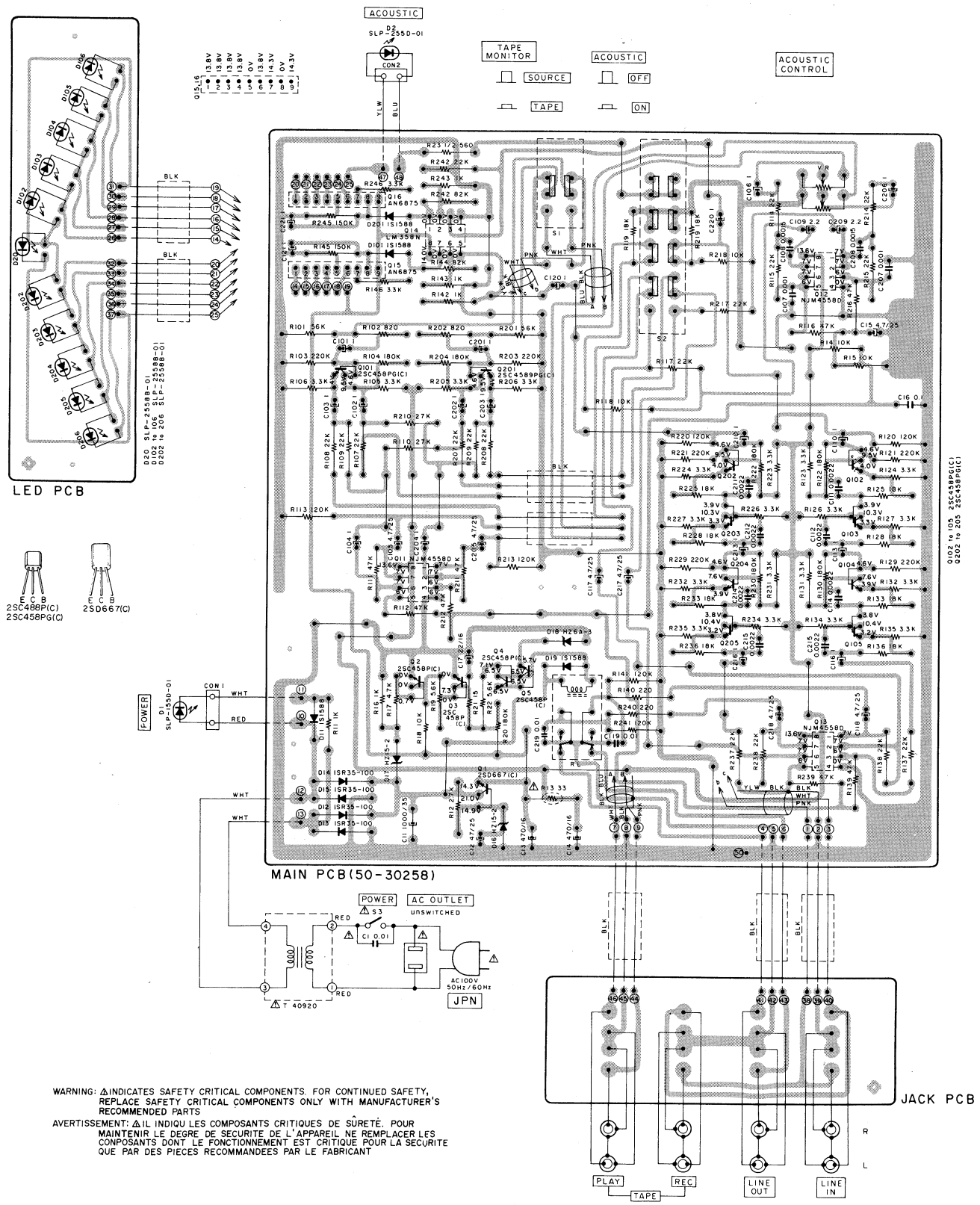
IV. COMPOSITION OF VARIOUS P.C BOARDS

MAIN P.C BOARD (50-30258), LED P.C BOARD, JACK P.C BOARD



WARNING: ⚠INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS

AVERTISSEMENT: ⚠IL INDIQU LES COMPOSANTS CRITIQUES DE SÛRETÉ. POUR MAINTENIR LE DEGRÉ DE SECURITE DE L'APPAREIL NE REMPLACER LES CONPOSANTS DONT LE FONCTIONNEMENT EST CRITIQUE POUR LA SECURITE QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT

AKAI ELECTRIC CO., LTD. 12-14, 2-Chome, Higashi-Kojiya, Ohta-Ku, Tokyo, Japan Printed No. 1620452-0201G1
TEL: Tokyo (742) 5111 CABLE: HIFIAKAI TOKYO TELEX: J26261 Printed Date March 14, 1981 Printed in Japan

AS-5

AKAI SERVICE MANUAL

ACOUSTIC CONTROLLER

MODEL AS-5

I. TECHNICAL DATA

INPUT/IMPEDANCE	150 mV 30 kohms
OUTPUT/IMPEDANCE	150 mV 220 ohms
MAX. OUTPUT	Better than 1.5V
FREQUENCY RESPONSE	30 Hz to 35 kHz, +0.5 dB, −2.5 dB
TOTAL HARMONIC DISTORTION	Less than 0.5%
OUTPUT NOISE LEVEL	Less than 0.02%
POWER REQUIREMENTS	AC 100V, 50/60Hz (JPN)
POWER CONSUMPTION	4.4W (JPN)
DIMENSIONS	280 (W) × 56 (H) × 260 (D) mm (10.9 × 2.2 × 10.1″)
WEIGHT	1.95 kg (4.3 lbs)

* For improvement purposes, specifications and design are subject to change without notice.

II. PARTS LIST

1. Main P.C Board Block

Ref. No.	Parts No.	Description
1-Q1	ET303895	TR 2SD667 C,D
1-Q2 to 5	ET329218	TR 2SC458 C
1-Q11 to 13	EI213390	IC NJM4558D
1-Q14	EI701858	IC LM358N
1-Q15,16	EI701857	IC AN6875
1-Q101 to 105	ET702172	TR 2SC458PGC
1-Q201 to 205	ET702172	TR 2SC458PGC
1-D1	ED322772	D LED SLP-155D-01 RED
1-D2	ED322773	D LED SLP-255D-01 GRN
1-D11	ED557447	D SILICON H 1S1588
1-D12 to 15	ED701859	D SILICON 1SR35-100
1-D16,17	ED306320	D ZENER H HZ15 2
1-D18	ED-701874	D ZENER HZ6A-3
1-D19	ED557447	D SILICON H 1S1588
1-D20	ED307564	D LED SLP-255B-01 GRN
1-D101	ED-557447	D SILICON H 1S1588
1-D102 to 106	ED307564	D LED SLP-255B-01 GRN
1-D201	ED-557447	D SILICON H 1S1588
1-D202 to 206	ED307564	D LED SLP-255B-01 GRN
1-RL	EP701860	RELAY SIGNAL RZ-12
1-VR	EV701872	VR ROTARY B103 × 2
1-S1,2	ES701750	SW PUSH
1-R13	ER701871	⚠ R FUSE FRN 1/4W 330
1-C11	EC241481	C EC V CUT 04W 102 25.0DC
1-1	EJ323143	PIN J T5717-C P 4P
1-2	EJ701861	2P CONNECTOR ASSY

2. Assembly Block

Ref. No.	Parts No.	Description
2-1	ES701870	⚠ SW POWER
2-2	EC320548	⚠ C CE V F 103Z 250AC
2-3	BT701869	⚠ TRANS POWER
2-4	EJ701868	⚠ SOCKET OUTLET
2-5	EW701866	⚠ AC CORD
2-6	EZ701867	STRAIN RELIEF
2-7	SP701862	PANEL FRONT ASSY
2-8	SB323305	BUTTON (A)
2-9	ZG323308	SPRING (A)
2-10	SP701863	COVER
2-11	SK701865	KNOB
2-12	SA324129	FOOT
2-13	ZS701873	T2PAN30 × 06 CMT TW

III. SCHEMATIC DIAGRAM